

## **Effect of the RNase from bacillus intermedius on the trophic organization of the mitotic cycle of candida utilis**

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### **Abstract**

The effect of the RNase from *Bacillus intermedius* on the growth and trophic cycle of *Candida utilis* was studied. RNase at concentrations of 0.001-0.01 Hg/ml stimulated yeast growth by 30-40% as compared to the control, reduced the mitotic cycle of the yeast by shortening its G1 phase, and decreased the number of exotrophic cells in the G1 phase to a minimum. It is suggested that RNase is involved in the regulation of the transition of cells from the exo- to endotrophic state. © 1999 MAHK "Hayka/Interperiodica".

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### **Keywords**

Ribonuclease, Stimulation, Trophic cycle